

# PATENT ABSTRACTS OF JAPAN

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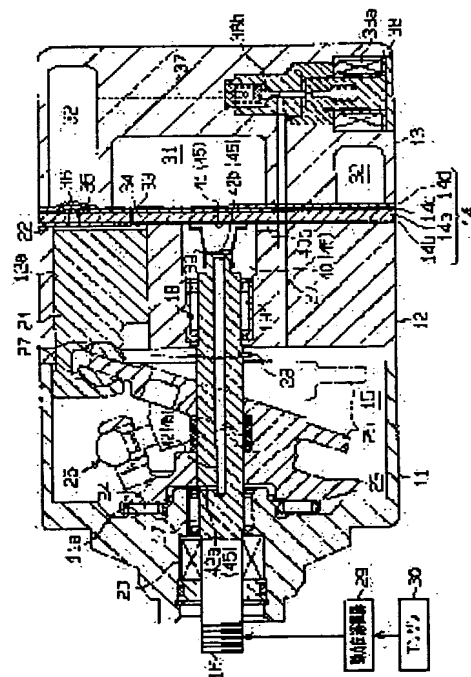
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## (54) VARIABLE-CAPACITY COMPRESSOR

(57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a variable-capacity compressor capable of quickly recovering the oil discharged from a control chamber and feeding back the oil to the control chamber.

**SOLUTION:** An oil separator 39 is mounted on a bleed passage 45, and operationally connected to a driving shaft 16, and the oil is centrifugally separated from refrigerant gas flowing in the bleed passage 45 when the oil separator 39 is rotated in accompany with the rotation of the driving shaft 16. The oil centrifugally separated by the oil separator 39 is guided into an oil chamber 40. The internal pressure of the oil chamber 40 is kept to be higher than the internal pressure of a crank chamber 15. The oil in the oil chamber 40 is returned to the crank chamber 15 through an oil returning passage (40a or the like).



## LEGAL STATUS

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